

Supplementary Appendix:

Categorization of types and severity of penalties associated with non-compliance with national mandatory vaccination policies by country within regions. The following figures display the penalty types and the severity of penalties within each type for all countries with robust evidence of a national mandatory vaccination policy ($n = 105$). The 9 countries with evidence of a national mandate but no additional/insufficient info about penalties are listed here for completeness.

Figure S1: Distribution of penalties associated with non-compliance with national mandatory vaccination policies for countries in Africa. Penalty type and subtype color coding given in legends in Figure 2.



Figure S2: Distribution of penalties associated with non-compliance with national mandatory vaccination policies for the countries in the Americas. Penalty type and subtype color coding given in legends in Figure 2.



Figure S3: Distribution of penalties associated with non-compliance with national mandatory vaccination policies for countries in Asia. Penalty type and subtype color coding given in legends in Figure 2.

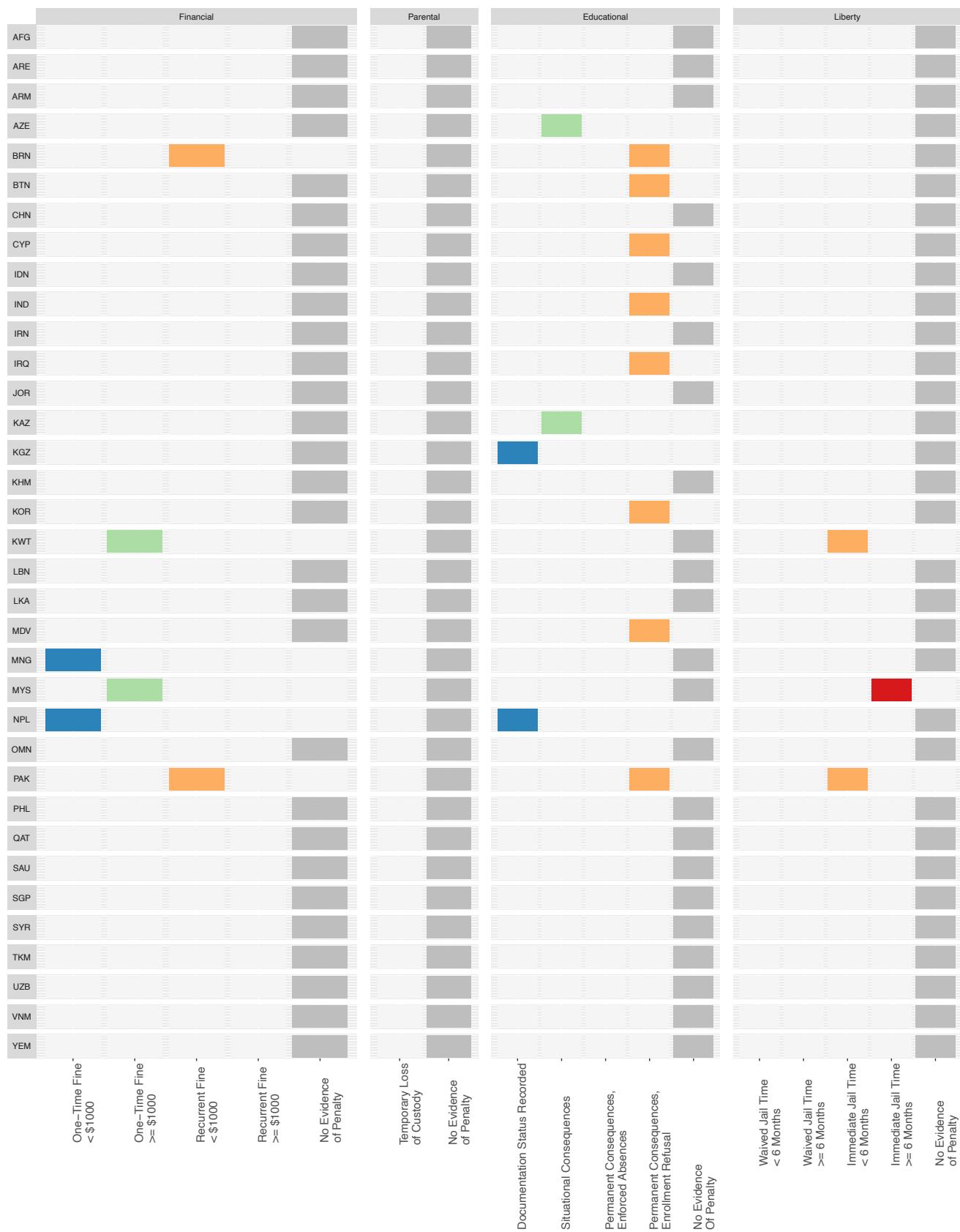


Figure S4: Distribution of penalties associated with non-compliance with national mandatory vaccination policies for countries in Europe. Penalty type and subtype color coding given in legends in Figure 2.



Figure S5: Distribution of penalties associated with non-compliance with national mandatory vaccination policies for all Oceanic countries. Penalty type and subtype color coding given in legends in Figure 2.

